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April 25, 2019

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, South Carolina 29210

RE: Duke Energy Progress, LLC – Monthly Fuel Report
Docket No. 2006-176-E

Dear Ms. Boyd:

Pursuant to the Commission's Orders in Docket No. 1977-354-E, enclosed for filing is Duke Energy Progress, LLC's Monthly Fuel Report in Docket No. 2006-176-E for the month of March 2019.

Should you have any questions regarding this matter, please do not hesitate to contact me at 803-988-7130

Sincerely,

Rebecca J. Dulin

Enclosure

cc: Service List

Duke Energy Progress
Summary of Monthly Fuel Report

Schedule 1

Line No.	Item		March 2019
1	Fuel and Fuel-related Costs excluding DERP incremental costs	$	121,390,664
	MWH sales:		
2	Total System Sales		4,925,855
3	Less intersystem sales		372,873
4	Total sales less intersystem sales		4,552,982
5	Total fuel and fuel-related costs (¢/KWH) (Line 1/Line 4)		2.6662
6	Current fuel & fuel-related cost component (¢/KWH) (per Schedule 4)		2.7772
	Generation Mix (MWH):		
	Fossil (By Primary Fuel Type):		
7	Coal		644,674
8	Oil		4,565
9	Natural Gas - Combustion Turbine		121,930
10	Natural Gas - Combined Cycle		1,611,916
11	Biogas		692
12	Total Fossil		2,383,777
13	Nuclear		1,979,009
14	Hydro - Conventional		82,564
15	Solar Distributed Generation		19,304
16	Total MWH generation		4,464,654

Note: Detail amounts may not add to totals shown due to rounding.

Schedule 2

Duke Energy Progress
Details of Fuel and Fuel-Related Costs

Description		March 2019
Fuel and Fuel-Related Costs:		
Steam Generation - Account 501		
0501110 coal consumed - steam	$	24,936,974
0501310 fuel oil consumed - steam		772,460
Total Steam Generation - Account 501		25,709,434
Nuclear Generation - Account 518		
0518100 burnup of owned fuel		12,427,031
Other Generation - Account 547		
0547000 natural gas consumed - Combustion Turbine		10,753,595
0547000 natural gas capacity - Combustion Turbine		1,535,723
0547000 natural gas consumed - Combined Cycle		32,958,395
0547000 natural gas capacity - Combined Cycle		9,592,729
0547106 biogas consumed - Combined Cycle		35,945
0547200 fuel oil consumed		97,672
Total Other Generation - Account 547		54,974,059
Purchased Power and Net Interchange - Account 555		
Fuel and fuel-related component of purchased power		32,137,342
Fuel and fuel-related component of DERP purchases		24,611
PURPA purchased power capacity		4,340,213
DERP purchased power capacity		5,745
Total Purchased Power and Net Interchange - Account 555		36,507,911
Less:		
Fuel and fuel-related costs recovered through intersystem sales		9,466,615
Solar Integration Charge		(154)
Total Fuel Credits - Accounts 447/456		9,466,461
Total Costs Included in Base Fuel Component	$	120,151,974
Environmental Costs		
0509030, 0509212, 0557451 emission allowance expense	$	4,557
0502020, 0502030, 0502040, 0502080, 0502090, 0548020 reagents expense		1,306,098
Emission Allowance Gains		-
Less reagents expense recovered through intersystem sales - Account 447		46,187
Less emissions expense recovered through intersystem sales - Account 447		25,778
Total Costs Included in Environmental Component		1,238,690
Fuel and Fuel-related Costs excluding DERP incremental costs	$	121,390,664
DERP Incremental Costs		266,963
Total Fuel and Fuel-related Costs	$	121,657,627

Notes: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

MARCH 2019

Purchased Power	Total	Capacity	Non-capacity		
Marketers, Utilities, Other	$	$	mWh	Fuel $	Non-fuel $
DE Carolinas - Reliability	$ 233,640	-	4,248	$ 233,640	-
Broad River Energy, LLC.	2,802,106	1,102,735	28,420	1,699,371	-
City of Fayetteville	740,091	707,850	146	32,241	-
Haywood EMC	28,300	28,300	-	-	-
NCEMC	3,471,917	2,777,986	16,181	693,931	-
PJM Interconnection, LLC.	4,103	-	115	4,103	-
Southern Company Services	4,236,908	802,620	107,883	3,434,288	-
DE Carolinas - Native Load Transfer	6,202,943	-	189,488	6,201,712	$ 1,231
DE Carolinas - Native Load Transfer Benefit	1,129,259	-	-	1,129,259	-
DE Carolinas - Fees	501,604	-	-	501,604	-
Energy Imbalance	12,053		372	10,929	1,124
Generation Imbalance	788		31	706	82
	$ 19,363,712	**$ 5,419,491**	**346,884**	**$ 13,941,784**	**$ 2,437**
Act 236 PURPA Purchases					
Renewable Energy	$ 12,798,250	-	189,866	$ 12,798,250	-
DERP Qualifying Facilities	30,356	-	620	30,356	-
Other Qualifying Facilities	9,737,521	-	164,313	9,737,521	-
	$ 22,566,127	**$ -**	**354,799**	**$ 22,566,127**	**$ -**
Total Purchased Power	**$ 41,929,839**	**$ 5,419,491**	**701,683**	**$ 36,507,911**	**$ 2,437**

NOTE: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
INTERSYSTEM SALES*
SOUTH CAROLINA

MARCH 2019

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
SC Electric & Gas - Emergency	$ 4,224	-	107	$ 4,018	$ 206
Market Based:					
NCEMC	-	-	-	-	-
NCEMC Purchase Power Agreement	1,027,466	$ 652,500	10,969	299,814	75,152
PJM Interconnection, LLC.	18,622	-	485	14,716	3,906
Other:					
DE Carolinas - Native Load Transfer Benefit	1,181,175	-	-	1,181,175	-
DE Carolinas - Native Load Transfer	8,263,589	-	361,305	8,038,857	224,732
Generation Imbalance	(3)	-	7	-	(3)
Total Intersystem Sales	**$ 10,495,073**	**$ 652,500**	**372,873**	**$ 9,538,580**	**$ 303,993**

* Sales for resale other than native load priority.

NOTE: Detail amounts may not add to totals shown due to rounding.

Duke Energy Progress
(Over) / Under Recovery of Fuel Costs
March 2019

Line No.			Total Residential	General Service Non-Demand	Demand	Lighting	Total
1	Actual System kWh sales	Input					4,552,981,616
2	DERP Net Metered kWh generation	Input					2,501,687
3	Adjusted System kWh sales	L1 + L2					4,555,483,303
4	Actual S.C. Retail kWh sales	Input	150,838,802	18,802,778	239,898,343	6,548,241	416,088,164
5	DERP Net Metered kWh generation	Input	1,039,940	23,210	1,438,537		2,501,687
6	Adjusted S.C. Retail kWh sales	L4 + L5	151,878,742	18,825,988	241,336,880	6,548,241	418,589,851
7	Actual S.C. Demand units (kw)	L32 / 31b *100			645,500		
	Base fuel component of recovery - non-capacity						
8	Incurred System base fuel - non-capacity expense	Input					$104,652,954
9	Eliminate avoided fuel benefit of S.C. net metering	Input					$80,204
10	Adjusted Incurred System base fuel - non-capacity expense	L8 + L9					$104,733,158
11	Adjusted Incurred System base fuel - non-capacity rate (¢/kWh)	L10 / L3 * 100					2.299
12	S.C. Retail portion of adjusted incurred system expense	L6 * L11 / 100	$3,491,779	$432,820	$5,548,472	$150,548	$9,623,619
13	Assign 100 % of Avoided Fuel Benefit of S.C net metering	Input	($47,411)	($4,380)	($28,413)	$0	($80,204)
14	S.C. Retail portion of incurred system expense	L12 + L13	$3,444,368	$428,440	$5,520,059	$150,548	$9,543,415
15	Billed base fuel - non-capacity rate (¢/kWh) - Note 1	Input	2.367	2.366	2.366	2.366	2.366
16	Billed base fuel - non-capacity revenue	L4 * L15 /100	$3,570,640	$444,874	$5,675,995	$154,931	$9,846,440
17	DERP NEM incentive - fuel component	Input	($12,316)	($1,138)	($7,381)	$0	($20,835)
18	Adjusted S.C. billed base fuel - non-capacity revenue	L16 + L17	$3,558,324	$443,736	$5,668,614	$154,931	$9,825,605
19	S.C. base fuel - non-capacity (over)/under recovery [See footnote]	L18 - L14	($113,956)	($15,296)	($148,555)	($4,383)	($282,190)
20	Adjustment - Economic Purchases	Input					
21	Total S.C. base fuel - non-capacity (over)/under recovery [See footnote]	L19 + L20	($113,956)	($15,296)	($148,555)	($4,383)	($282,190)
	Base fuel component of recovery - capacity						
22a	Incurred base fuel - capacity rates by class (¢/kWh)	L23 / L4 * 100	0.571	0.479			
22b	Incurred base fuel - capacity rate (¢/kW)	L23 / L7 * 100			72		
23	Incurred S.C. base fuel - capacity expense	Input	$861,020	$89,984	$462,647		$1,413,651
24a	Billed base fuel - capacity rates by class (¢/kWh)	Input	0.676	0.426			
24b	Billed base fuel - capacity rate (¢/kW)	Input			88		
25	Billed S.C. base fuel - capacity revenue	L24a * L4 /100	$1,019,970	$80,100	$ 568,058	$0	$1,668,128
26	S.C. base fuel - capacity (over)/under recovery [See footnote]	L25 - L23	($158,950)	$9,884	($105,411)	$0	($254,477)
27	Adjustment	Input	$0	$0	$0	$0	$0
28	Total S.C. base fuel - capacity (over)/under recovery [See footnote]	L26 + L27	($158,950)	$9,884	($105,411)	$0	($254,477)
	Environmental component of recovery						
29a	Incurred environmental rates by class (¢/kWh)	L30 / L4 * 100	0.046	0.038			
29b	Incurred environmental rate (¢/kW)	L30 / L7 * 100			6		
30	Incurred S.C. environmental expense	Input	$68,948	$7,206	$37,047		$113,201
31a	Billed environmental rates by class (¢/kWh)	Input	0.019	0.008			
31b	Billed environmental rate (¢/kW)	Input			1		
32	Billed S.C. environmental revenue	L31a * L4 /100	$28,458	$1,504	$ 6,455		$36,417
33	S.C. environmental (over)/under recovery [See footnote]	L32 - L30	$40,490	$5,702	$30,592	$0	$76,784
34	Adjustment	Input					$0
35	Total S.C. environmental (over)/under recovery [See footnote]	L33 + L34	$40,490	$5,702	$30,592	$0	$76,784
	Distributed Energy Resource Program component of recovery: avoided costs						
36a	Incurred S.C. DERP avoided cost rates by class (¢/kWh)	L37 / L4 * 100	0.001	0.001			
36b	Incurred S.C. DERP avoided cost rates by class (¢/kW)	L37 / L7 * 100			0.141		
37	Incurred S.C. DERP avoided cost expense	Input	$1,690	$176	$908		$2,774
38a	Billed S.C. DERP avoided cost rates by class (¢/kWh)	Input	0.003	0.001			
38b	Billed S.C. DERP avoided cost rates by class (¢/kW)	Input			0.000		
39	Billed S.C. DERP avoided cost revenue	L38a * L4 /100	$4,493	$188	$0		$4,681
40	S.C. DERP avoided cost (over)/under recovery [See footnote]	L39 - L37	($2,803)	($12)	$908	$0	($1,907)
41	Adjustment	Input					
42	Total S.C. DERP avoided cost (over)/under recovery [See footnote]	L40 + L41	($2,803)	($12)	$908	$0	($1,907)
43	Total (over)/under recovery [See footnote]	L21 + L28 + L35 + L42	($235,219)	$278	($222,466)	($4,383)	($461,790)

Year 2018-2019

Cumulative (over) / under recovery - BASE FUEL NON-CAPACITY	Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Total
Balance ending February 2018	$23,394,223					
March 2018 - actual	23,722,902	$105,966	$14,137	$203,204	$5,372	$328,679
April 2018 - actual	23,109,195	(170,943)	(23,111)	(411,945)	(7,708)	(613,707)
May 2018 - actual	23,830,285	191,924	30,025	488,780	10,361	721,090
June 2018 - actual	25,124,368	428,696	63,626	785,404	16,357	1,294,083
July 2018 - actual	24,946,484	(67,321)	(9,747)	(99,157)	(1,659)	(177,884)
August 2018 - actual	24,050,415	(311,321)	(46,740)	(528,335)	(9,673)	(896,069)
September 2018 - actual	24,878,029	299,793	45,472	471,998	10,351	827,614
October 2018 - actual	21,969,123	(837,198)	(131,238)	(1,906,421)	(34,049)	(2,908,906)
November 2018 - actual	21,874,458	(35,810)	(9,976)	(47,667)	(1,212)	(94,665)
December 2018 - actual	22,072,704	72,321	(1,648)	124,688	2,885	198,246
January 2019 - actual	22,975,950	284,785	34,403	574,249	9,809	903,246
February 2019 - actual	13,424,397	(3,562,940)	(433,955)	(5,442,452)	(112,206)	(9,551,553)
March 2019 - actual	13,142,207	(113,956)	(15,296)	(148,555)	(4,383)	(282,190)
_/2 April 2019 - forecast	10,602,098	(804,528)	(125,545)	(1,572,228)	(37,808)	(2,540,109)
_/2 May 2019 - forecast\	9,305,949	(366,878)	(67,455)	(841,591)	(20,225)	(1,296,149)
_/2 June 2019 - forecast	$8,402,982	($287,447)	($44,667)	($557,536)	($13,317)	($902,967)

Year 2018-2019

Cumulative (over) / under recovery - BASE FUEL CAPACITY	Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Total
Balance ending February 2018	$1,622,067					
March 2018 - actual	1,523,528	$79,187	($398)	($177,328)	$0	($98,539)
April 2018 - actual	2,089,902	479,717	34,630	52,027	0	566,374
May 2018 - actual	2,445,242	379,717	16,470	(40,847)	0	355,340
June 2018 - actual	2,666,876	217,876	(2,152)	5,910	0	221,634
July 2018 - actual	2,857,544	88,083	(5,454)	108,039	0	190,668
August 2018 - actual	2,709,391	(174,287)	(21,437)	47,571	0	(148,153)
September 2018 - actual	2,361,078	(199,912)	(23,546)	(124,855)	0	(348,313)
October 2018 - actual	1,891,426	(303,466)	(34,886)	(131,300)	0	(469,652)
November 2018 - actual	1,846,089	47,213	(95,245)	2,695	0	(45,337)
December 2018 - actual	1,234,990	(556,097)	61,633	(116,635)	0	(611,099)
January 2019 - actual	1,007,021	(384,000)	(3,835)	159,866	0	(227,969)
February 2019 - actual	574,929	(384,503)	(1,502)	(46,087)	0	(432,092)
March 2019 - actual	320,452	(158,950)	9,884	(105,411)	0	(254,477)
_/2 April 2019 - forecast	813,797	309,158	44,563	139,624	0	493,345
_/2 May 2019 - forecast\	1,188,132	337,884	30,258	6,193	0	374,335
_/2 June 2019 - forecast	$1,230,357	$78,492	$22,148	($58,415)	$0	$42,225

Year 2018-2019

Cumulative (over) / under recovery - ENVIRONMENTAL	Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Total
Balance ending February 2018	($616,504)					
March 2018 - actual	(648,397)	($9,388)	($802)	($21,703)	$0	($31,893)
April 2018 - actual	(646,907)	10,886	939	(10,335)	0	1,490
May 2018 - actual	(644,440)	13,284	519	(11,336)	0	2,467
June 2018 - actual	(578,713)	44,416	3,379	17,932	0	65,727
July 2018 - actual	(485,932)	52,174	4,953	35,654	0	92,781
August 2018 - actual	(331,044)	82,556	8,644	63,688	0	154,888
September 2018 - actual	(243,057)	43,796	5,046	39,145	0	87,987
October 2018 - actual	(185,125)	26,868	3,296	27,768	0	57,932
November 2018 - actual	(103,746)	43,556	2,923	34,900	0	81,379
December 2018 - actual	25,412	65,540	9,250	54,368	0	129,158
January 2019 - actual	191,745	90,257	11,403	64,673	0	166,333
February 2019 - actual	199,207	(5,378)	1,497	11,343	0	7,462
March 2019 - actual	275,991	40,490	5,702	30,592	0	76,784
_/2 April 2019 - forecast	349,501	38,187	5,285	30,038	0	73,510
_/2 May 2019 - forecast\	424,230	41,097	5,113	28,519	0	74,729
_/2 June 2019 - forecast	$584,935	$91,359	$10,943	$58,403	$0	$160,705

Year 2018-2019

Cumulative (over) / under recovery - DERP AVOIDED COSTS	Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Total
Balance ending February 2018	$2,713					
March 2018 - actual	7,033	$2,554	$236	$1,530	$0	$4,320
April 2018 - actual	14,508	4,419	408	2,648	0	7,475
May 2018 - actual	21,181	3,945	364	2,364	0	6,673
June 2018 - actual	23,496	1,368	127	820	0	2,315
July 2018 - actual	26,569	755	189	2,129	0	3,073
August 2018 - actual	36,281	3,500	568	5,644	0	9,712
September 2018 - actual	39,362	(348)	203	3,226	0	3,081
October 2018 - actual	32,433	(5,959)	(354)	(616)	0	(6,929)
November 2018 - actual	34,431	(208)	(80)	2,286	0	1,998
December 2018 - actual	30,879	(4,388)	102	734	0	(3,552)
January 2019 - actual	21,463	(7,812)	(399)	(1,205)	0	(9,416)
February 2019 - actual	19,285	(3,579)	17	1,384	0	(2,178)
March 2019 - actual	17,378	(2,803)	(12)	908	0	(1,907)
_/2 April 2019 - forecast	18,669	(962)	167	2,086	0	1,291
_/2 May 2019 - forecast\	20,448	(395)	152	2,022	0	1,779
_/2 June 2019 - forecast	$20,853	($1,616)	$118	$1,903	$0	$405

Duke Energy Progress
(Over) / Under Recovery of Fuel Costs
March 2019

Line No.			Residential	Commercial	Industrial	Total
Distributed Energy Resource Program component of recovery: incremental costs						
44	Incurred S.C. DERP incremental expense	Input	$162,601	$64,363	$39,999	$266,963
45	Billed S.C. DERP incremental rates by account ($/account)	Input	0.72	1.26	99.55	
46	Billed S.C. DERP incremental revenue	Input	$99,260	$40,568	$26,012	$165,840
47	S.C. DERP incremental (over)/under recovery [See footnote]	L44 - L46	$63,341	$23,795	$13,987	$101,123
48	Adjustment	Input				
49	Total S.C. DERP incremental (over)/under recovery [See footnote]	L47 + L48	$63,341	$23,795	$13,987	$101,123

	Year 2018-2019 Cumulative (over) / under recovery	Cumulative	Total
	Balance ending February 2018	($448,552)	
	March 2018 - actual	(541,339)	($92,787)
	April 2018 - actual	(634,011)	(92,672)
	May 2018 - actual	(707,644)	(73,633)
	June 2018 - actual	(702,927)	4,717
	July 2018 - actual	(661,166)	41,761
	August 2018 - actual	(600,348)	60,818
	September 2018 - actual	(518,066)	82,282
	October 2018 - actual	(452,317)	65,749
	November 2018 - actual	(363,223)	89,094
	December 2018 - actual	(251,280)	111,943
	January 2019 - actual	(85,611)	165,669
	February 2019 - actual	6,239	91,850
	March 2019 - actual	107,362	101,123
_/2	April 2019 - forecast	238,162	130,800
_/2	May 2019 - forecast\	372,850	134,688
_/2	June 2019 - forecast	$517,997	$145,147

Notes:

Detail amounts may not recalculate due to percentages presented as rounded.

Presentation of over or under collected amounts reflects a regulatory asset or liability. Over collections, or regulatory liabilities, are shown as negative amounts.
Under collections, or regulatory assets, are shown as positive amounts.

_/1 Total residential billed fuel rate is a composite rate reflecting the approved residential rate of 2.384 and RECD 5% discount.

_/2 Forecast amounts based on low end of range of expected fuel rates.

Description	Weatherspoon CT	Lee CC	Sutton CC/CT	Robinson Nuclear	Asheville Steam	Asheville CT	Roxboro Steam	Mayo Steam
Cost of Fuel Purchased ($)								
Coal	-	-	-	-	$5,221,006	-	$20,932,462	$8,482,923
Oil	108,542	-	-	-	(99)	-	451,673	404,633
Gas - CC	-	20,510,566	13,595,268	-	-	-	-	-
Gas - CT	24	-	653,299	-	-	2,150,497	-	-
Biogas	-	-	-	-	-	-	-	-
Total	108,566	$20,510,566	$14,248,567	-	$5,220,907	$2,150,497	$21,384,135	$8,887,556
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	364.47	-	330.49	280.74
Oil	1,495.69	-	-	-	1,414.29	-	1,499.83	1,499.20
Gas - CC	-	405.30	470.88	-	-	-	-	-
Gas - CT	-	-	463.78	-	-	4,363.74	-	-
Biogas	-	-	-	-	-	-	-	-
Weighted Average	1,496.02	405.30	470.54	-	364.46	4,363.74	336.02	291.52
Cost of Fuel Burned ($)								
Coal	-	-	-	-	$5,236,744	-	$17,321,167	$2,379,063
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	23,727	-	-	-	96,120	22,056	520,592	155,747
Gas - CC	-	20,510,566	13,595,268	-	-	-	-	-
Gas - CT	24	-	653,299	-	-	2,150,497	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	3,301,699	-	-	-	-
Total	$23,751	$20,510,566	$14,248,567	$3,301,699	$5,332,864	$2,172,553	$17,841,759	$2,534,810
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	337.22	-	352.43	318.76
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	1,590.28	-	-	-	1,538.17	1,538.08	1,521.44	1,531.44
Gas - CC	-	405.30	470.88	-	-	-	-	-
Gas - CT	-	-	463.78	-	-	4,363.74	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	55.67	-	-	-	-
Weighted Average	1,591.89	405.30	470.54	55.67	342.03	4,283.85	360.52	335.06
Average Cost of Generation (¢/kWh)								
Coal	-	-	-	-	4.12	-	3.83	3.65
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	-	-	-	-	18.82	25.35	16.38	17.53
Gas - CC	-	2.89	3.33	-	-	-	-	-
Gas - CT	-	-	4.70	-	-	68.59	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	0.56	-	-	-	-
Weighted Average	-	2.89	3.38	0.56	4.18	67.43	3.92	3.84
Burned MBTU's								
Coal	-	-	-	-	1,552,934	-	4,914,738	746,358
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	1,492	-	-	-	6,249	1,434	34,217	10,170
Gas - CC	-	5,060,592	2,887,234	-	-	-	-	-
Gas - CT	-	-	140,865	-	-	49,281	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	5,930,593	-	-	-	-
Total	1,492	5,060,592	3,028,099	5,930,593	1,559,183	50,715	4,948,955	756,528
Net Generation (mWh)								
Coal	-	-	-	-	127,212	-	452,280	65,182
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	(28)	-	-	-	511	87	3,179	888
Gas - CC	-	710,152	408,268	-	-	-	-	-
Gas - CT	-	-	13,900	-	-	3,135	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	587,358	-	-	-	-
Hydro (Total System)								
Solar (Total System)								
Total	(28)	710,152	422,168	587,358	127,723	3,222	455,459	66,070
Cost of Reagents Consumed ($)								
Ammonia	-	-	-	-	-	-	$75,257	$9,558
Limestone	-	-	-	-	164,560	-	574,657	99,999
Re-emission Chemical	-	-	-	-	-	-	-	-
Sorbents	-	-	-	-	5,765	-	216,421	32,145
Urea	-	-	-	-	114,710	-	-	-
Total	-	-	-	-	$285,035	-	$866,336	$141,702

Notes:

Detail amounts may not add to totals shown due to rounding.

Schedule excludes in-transit, terminal and tolling agreement activity.

Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.

Lee and Wayne oil burn is associated with inventory consumption shown on Schedule 6 for Wayne.

Description	Brunswick Nuclear	Blewett CT	Wayne County CT	Darlington CT	Smith Energy Complex CC/CT	Harris Nuclear	Current Month	Total 12 ME March 2019
Cost of Fuel Purchased ($)								
Coal	-	-	-	-	-	-	$34,636,391	$306,305,926
Oil	2,331	-	-	-	-	-	967,080	18,118,231
Gas - CC	-	-	-	-	8,445,290	-	42,551,124	570,332,536
Gas - CT	-	-	243,212	54,046	9,188,240	-	12,289,318	168,066,557
Biogas	-	-	-	-	128,337	-	128,337	920,702
Total	2,331	-	$243,212	$54,046	$17,633,530	-	$90,572,250	$1,063,743,952
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	-	-	321.07	336.61
Oil	-	-	-	-	-	-	1,502.73	1,508.31
Gas - CC	-	-	-	-	389.64	-	420.66	416.97
Gas - CT	-	-	399.99	408.17	375.47	-	453.26	368.85
Biogas	-	-	-	-	2,919.40	-	2,919.40	2,933.85
Weighted Average	-	-	399.99	408.17	384.54	-	382.43	387.41
Cost of Fuel Burned ($)								
Coal	-	-	-	-	-	-	$24,936,974	$303,392,775
Oil - CC	-	-	-	-	149	-	149	2,216
Oil - Steam/CT	-	19,661	-	14,049	18,031	-	869,983	17,008,105
Gas - CC	-	-	-	-	8,445,290	-	42,551,124	570,332,536
Gas - CT	-	-	243,212	54,046	9,188,240	-	12,289,318	168,066,557
Biogas	-	-	-	-	128,337	-	128,337	920,702
Nuclear	4,276,463	-	-	-	-	4,848,869	12,427,031	181,956,773
Total	$4,276,463	19,661	$243,212	$68,095	17,780,047.00	$4,848,869	$93,202,916	$1,241,679,664
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	-	-	345.67	331.03
Oil - CC	-	-	-	-	1,655.56	-	1,655.56	1,653.73
Oil - Steam/CT	-	1,683.33	-	1,730.17	1,663.38	-	1,536.37	1,583.34
Gas - CC	-	-	-	-	389.64	-	420.66	416.97
Gas - CT	-	-	399.99	408.17	375.47	-	453.26	368.85
Biogas	-	-	-	-	2,919.40	-	2,919.40	2,933.85
Nuclear	61.77	-	-	-	-	64.95	61.16	62.63
Weighted Average	61.77	1,683.33	399.99	484.56	384.84	64.95	230.58	219.53
Average Cost of Generation (¢/kWh)								
Coal	-	-	-	-	-	-	3.87	3.75
Oil - CC	-	-	-	-	14.90	-	14.90	18.47
Oil - Steam/CT	-	-	-	-	18.30	-	19.06	21.98
Gas - CC	-	-	-	-	1.71	-	2.64	2.98
Gas - CT	-	-	5.72	10.10	9.18	-	10.08	4.18
Biogas	-	-	-	-	18.53	-	18.53	20.91
Nuclear	0.65	-	-	-	-	0.66	0.63	0.66
Weighted Average	0.65	-	5.72	17.83	2.99	0.66	2.09	2.06
Burned MBTU's								
Coal	-	-	-	-	-	-	7,214,030	91,650,468
Oil - CC	-	-	-	-	9	-	9	134
Oil - Steam/CT	-	1,168	-	812	1,084	-	56,626	1,074,190
Gas - CC	-	-	-	-	2,167,471	-	10,115,297	136,780,403
Gas - CT	-	-	60,805	13,241	2,447,150	-	2,711,342	45,564,794
Biogas	-	-	-	-	4,396	-	4,396	31,382
Nuclear	6,923,119	-	-	-	-	7,465,910	20,319,622	290,513,318
Total	6,923,119	1,168	60,805	14,053	4,620,110	7,465,910	40,421,322	565,614,689
Net Generation (mWh)								
Coal	-	-	-	-	-	-	644,674	8,081,331
Oil - CC	-	-	-	-	1	-	1	12
Oil - Steam/CT	-	(18)	-	(153)	99	-	4,564	77,388
Gas - CC	-	-	-	-	493,496	-	1,611,916	19,134,953
Gas - CT	-	-	4,250	535	100,109	-	121,930	4,022,746
Biogas	-	-	-	-	692	-	692	4,404
Nuclear	653,858	-	-	-	-	737,793	1,979,009	27,748,149
Hydro (Total System)							82,564	848,406
Solar (Total System)							19,304	227,472
Total	653,858	(18)	4,250	382	594,397	737,793	4,464,654	60,144,861
Cost of Reagents Consumed ($)								
Ammonia	-	-	-	-	$13,025	-	$97,840	$1,636,851
Limestone	-	-	-	-	-	-	839,216	11,266,783
Re-emission Chemical	-	-	-	-	-	-	-	84,162
Sorbents	-	-	-	-	-	-	254,331	3,094,114
Urea	-	-	-	-	-	-	114,710	1,188,625
Total	-	-	-	-	$13,025	-	$1,306,098	$17,270,536

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
March 2019

Description	Weatherspoon	Lee	Sutton	Robinson	Asheville
Coal Data:					
Beginning balance	-	-	-	-	76,420
Tons received during period	-	-	-	-	57,452
Inventory adjustments	-	-	-	-	-
Tons burned during period	-	-	-	-	62,187
Ending balance	-	-	-	-	71,685
MBTUs per ton burned	-	-	-	-	24.97
Cost of ending inventory ($/ton)	-	-	-	-	84.21
Oil Data:					
Beginning balance	642,863	-	2,623,651	78,040	2,980,615
Gallons received during period	52,588	-	-	-	(50)
Miscellaneous use and adjustments	-	-	-	-	(5,202)
Gallons burned during period	10,657	-	-	-	55,895
Ending balance	684,794	-	2,623,651	78,040	2,919,468
Cost of ending inventory ($/gal)	2.23	-	2.80	2.42	2.11
Natural Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	4,891,110	2,950,888	-	48,124
MCF burned during period	-	4,891,110	2,950,888	-	48,124
Ending balance	-	-	-	-	-
Biogas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	-	-	-	-
MCF burned during period	-	-	-	-	-
Ending balance	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	-	-	-	-	15,946
Tons received during period	-	-	-	-	3,770
Inventory adjustments	-	-	-	-	-
Tons consumed during period	-	-	-	-	3,046
Ending balance	-	-	-	-	16,670
Cost of ending inventory ($/ton)	-	-	-	-	51.83

Notes:
Detail amounts may not add to totals shown due to rounding.
Schedule excludes in-transit, terminal and tolling agreement activity.
Gas is burned as received; therefore, inventory balances are not maintained.
The oil inventory data for Wayne reflects the common usage of the oil tank used for both Wayne and Lee units.

Description	Roxboro	Mayo	Brunswick	Blewett	Wayne County
Coal Data:					
Beginning balance	918,904	233,107	-	-	-
Tons received during period	252,785	115,986	-	-	-
Inventory adjustments	-	-	-	-	-
Tons burned during period	193,871	29,161	-	-	-
Ending balance	977,818	319,932	-	-	-
MBTUs per ton burned	25.35	25.59	-	-	-
Cost of ending inventory ($/ton)	89.33	81.58	-	-	-
Oil Data:					
Beginning balance	226,564	185,849	170,137	798,782	12,012,380
Gallons received during period	218,223	195,583	-	-	-
Miscellaneous use and adjustments	(7,509)	(2,879)	-	-	-
Gallons burned during period	248,114	73,853	5,958	8,311	-
Ending balance	189,164	304,700	164,179	790,471	12,012,380
Cost of ending inventory ($/gal)	2.10	2.11	2.42	2.37	2.40
Natural Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	-	-	-	58,639
MCF burned during period	-	-	-	-	58,639
Ending balance	-	-	-	-	-
Biogas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	-	-	-	-
MCF burned during period	-	-	-	-	-
Ending balance	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	57,492	18,726	-	-	-
Tons received during period	6,784	46	-	-	-
Inventory adjustments	-	-	-	-	-
Tons consumed during period	13,316	1,826	-	-	-
Ending balance	50,960	16,946	-	-	-
Cost of ending inventory ($/ton)	41.10	51.77	-	-	-

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
March 2019

Description	Darlington	Smith Energy Complex	Harris	Current Month	Total 12 ME March 2019
Coal Data:					
Beginning balance	-	-	-	1,228,431	1,446,194
Tons received during period	-	-	-	426,223	3,611,686
Inventory adjustments	-	-	-	-	(53,917)
Tons burned during period	-	-	-	285,219	3,634,528
Ending balance	-	-	-	1,369,435	1,369,435
MBTUs per ton burned	-	-	-	25.29	25.22
Cost of ending inventory ($/ton)	-	-	-	87.25	87.25
Oil Data:					
Beginning balance	10,427,173	8,183,597	272,031	38,601,682	38,156,552
Gallons received during period	-	-	-	466,344	8,704,526
Miscellaneous use and adjustments	-	-	-	(15,590)	(190,076)
Gallons burned during period	5,871	7,810	-	416,469	8,035,035
Ending balance	10,421,302	8,175,787	272,031	38,635,967	38,635,967
Cost of ending inventory ($/gal)	2.39	2.33	2.42	2.38	2.38
Natural Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	13,020	4,496,490	-	12,458,271	177,403,519
MCF burned during period	13,020	4,496,490	-	12,458,271	177,403,519
Ending balance	-	-	-	-	-
Biogas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	4,280	-	4,280	30,605
MCF burned during period	-	4,280	-	4,280	30,605
Ending balance	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	-	-	-	92,164	127,587
Tons received during period	-	-	-	10,600	202,258
Inventory adjustments	-	-	-	-	(3,989)
Tons consumed during period	-	-	-	18,188	241,280
Ending balance	-	-	-	84,576	84,576
Cost of ending inventory ($/ton)	-	-	-	45.35	45.35

Schedule 7

DUKE ENERGY PROGRESS

ANALYSIS OF COAL PURCHASED

MARCH 2019

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ASHEVILLE	SPOT	11,285	$ 1,081,014	95.79
	CONTRACT	46,167	3,335,178	72.24
	FIXED TRANSPORTATION/ADJUSTMENTS	-	804,814	-
	TOTAL	57,452	5,221,006	90.88
MAYO	SPOT	-	-	-
	CONTRACT	115,986	7,676,160	66.18
	FIXED TRANSPORTATION/ADJUSTMENTS	-	806,763	-
	TOTAL	115,986	8,482,923	73.14
ROXBORO	SPOT	12,785	923,729	72.25
	CONTRACT	240,000	16,160,146	67.33
	FIXED TRANSPORTATION/ADJUSTMENTS	-	3,848,587	-
	TOTAL	252,785	20,932,462	82.81
ALL PLANTS	SPOT	24,070	2,004,743	83.29
	CONTRACT	402,153	27,171,484	67.57
	FIXED TRANSPORTATION/ADJUSTMENTS	-	5,460,164	-
	TOTAL	426,223	$ 34,636,391	$ 81.26

Schedule 8

DUKE ENERGY PROGRESS

ANALYSIS OF COAL QUALITY RECEIVED

MARCH 2019

STATION	PERCENT MOISTURE	PERCENT ASH	HEAT VALUE	PERCENT SULFUR
ASHEVILLE	6.98	10.30	12,467	1.64
MAYO	5.90	7.81	13,026	2.68
ROXBORO	6.34	9.94	12,528	1.80

DUKE ENERGY PROGRESS

ANALYSIS OF OIL PURCHASED

MARCH 2019

	ASHEVILLE	MAYO	ROXBORO	WEATHERSPOON
VENDOR	Indigo	Greensboro Tank Farm	Greensboro Tank Farm	Indigo
SPOT/CONTRACT	Contract	Contract	Contract	Contract
SULFUR CONTENT %	0	0	0	0
GALLONS RECEIVED	(50)	195,583	218,223	52,588
TOTAL DELIVERED COST	$ (99)	$ 404,633	$ 451,673	$ 108,542
DELIVERED COST/GALLON	$ 1.98	$ 2.07	$ 2.07	$ 2.06
BTU/GALLON	138,000	138,000	138,000	138,000

Notes:

A price adjustment of $2,331 for the Brunswick station is excluded.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2018 - March, 2019
Nuclear Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Brunswick 1	7,819,962	938	95.17	96.00
Brunswick 2	6,876,141	932	84.22	87.43
Harris 1	7,787,575	940	94.59	90.44
Robinson 2	5,264,471	741	81.10	78.71

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2018 through March, 2019
Combined Cycle Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Lee Energy Complex	1A	1,423,723	225	72.23	80.19
Lee Energy Complex	1B	1,430,643	227	71.95	79.56
Lee Energy Complex	1C	1,449,864	228	72.59	79.30
Lee Energy Complex	ST1	2,839,979	379	85.54	91.89
Lee Energy Complex	Block Total	7,144,209	1,059	77.01	84.05
Richmond County CC	7	1,242,500	190	74.56	82.37
Richmond County CC	8	1,232,784	190	73.98	82.31
Richmond County CC	ST4	1,387,299	177	89.61	91.20
Richmond County CC	9	1,414,983	216	74.78	80.18
Richmond County CC	10	1,427,236	216	75.43	80.50
Richmond County CC	ST5	1,840,903	248	84.74	90.61
Richmond County CC	Block Total	8,545,705	1,237	78.85	84.54
Sutton Energy Complex	1A	1,129,922	224	57.58	71.58
Sutton Energy Complex	1B	1,102,837	224	56.20	67.19
Sutton Energy Complex	ST1	1,216,696	271	51.25	64.56
Sutton Energy Complex	Block Total	3,449,455	719	54.77	67.56

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2018 through March, 2019

Intermediate Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Mayo 1	1,350,056	746	20.66	66.37
Roxboro 2	1,555,700	673	26.39	79.51
Roxboro 3	1,374,062	698	22.47	57.68
Roxboro 4	1,960,487	711	31.48	64.47

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2018 through March, 2019
Other Cycling Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Asheville 1	682,433	192	40.57	93.57
Asheville 2	564,038	192	33.54	93.81
Roxboro 1	648,835	380	19.49	88.95

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2018 through March, 2019
Combustion Turbine Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Asheville CT	442,747	370	75.11
Blewett CT	-185	68	98.31
Darlington CT	152,757	825	85.44
Richmond County CT	2,892,244	934	86.50
Sutton Fast Start CT	179,798	98	87.91
Wayne County CT	378,117	963	95.72
Weatherspoon CT	374	164	93.83

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data

Twelve Month Summary
April, 2018 through March, 2019
Hydroelectric Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Blewett	58,217	27.0	45.80
Marshall	-365	4.0	0.00
Tillery	294,593	84.0	92.24
Walters	495,961	113.0	81.43

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.